

CATALYST FOR OLIGOMERIZING ETHYLENE AND PRODUCTION OF LINEAR ALPHA-OLEFIN BY USING THE SAME

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Abstract of JP9040710

PROBLEM TO BE SOLVED: To provide a catalyst which can give a 4-30C linear α-olefin in a high activity and selectivity when used in the oligomerization reaction of ethylene.

SOLUTION: This catalyst for oligomerizing ethylene comprises a chromium compound, an alkylmetal compound, an ionized ionic compound represented by the formula: $[C^{<+>}] [A^{<->}]$ ($[C^{<+>}]$ is a cation; and $[A^{<->}]$ is an anion) and an aromatic hydrocarbon.

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